

17581 U.S. PRO  
09/10/03

PTO/SB/05 (08-03)  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	04813.0045.CPUS02
	First Inventor	Stephen R. Des Jaradins
	Title	CONTROLLED CONCENTRATION
	Express Mail Label No.	EL 560495231US

19587 U.S. PRO  
10/660469  
09/10/03

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>50</u> ] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>27</u> ] 5. Oath or Declaration [Total Sheets _____] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies
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**ACCOMPANYING APPLICATION PARTS**

- |   |  |
|---|--|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))   |  |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney  |  |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>  |  |
| 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449  | <input type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>                              |  |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>                                      |  |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35<br>or its equivalent. |  |
| 17. <input checked="" type="checkbox"/> Other: Transmittal Letter.....  |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 10/424,539

Prior application information: Examiner Not Yet Assigned Art Unit: 1741  
 For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number:	<u>27240</u>	OR <input type="checkbox"/> Correspondence address below
Name		
Address		
City	State	Zip Code
Country	Telephone	Fax
Name (Print/Type)	Robert C. Laurensen	Registration No. (Attorney/Agent)
Signature	<i>[Signature]</i>	Date
		September <u>10</u> , 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**HOWREY SIMON ARNOLD & WHITE, LLP**  
301 Ravenswood Avenue, Box 34  
Menlo Park, CA 94025  
Facsimile (650) 463-8400  
Telephone (949) 759-5269

***Mail Stop Patent Application***

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of STEPHEN R. DES JARDINS, and  
STUART I. SMEDLEY, titled **"CONTROLLED CONCENTRATION ELECTROLYSIS SYSTEM"**.

The following documents are enclosed for appropriate action:

1. Utility Patent Application Transmittal
2. Patent Application – 50 pages
3. Drawings – 27 pages (Figs. 1-25b)
4. Return Postcard

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	20-20=	
INDEP. CLAIMS	6 -3 =	3
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the difference in Col. 1 is less than zero, enter  
"0" in Col. 2

SMALL ENTITY	
RATE	FEE
	\$375.00
x 9 =	0.00
x 42 =	0.00
+ 140 =	0.00
TOTAL	\$0.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 750.00
x 18 =	0.00
x 84 =	0.00
+ 280 =	0.00
TOTAL	0.00

CERTIFICATE OF MAILING  
(37 C.F.R. §1.10(a))

I hereby certify that this paper (along with any referred to as being attached hereto) is being deposited with the United States Postal Service (USPS) on the date shown below using the "Express Mail Post Office to Addressee" service of the USPS (Express Mail No. EL560495231US in an envelope addressed to *Mail Stop Patent Application*, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 10 2003  
Date of Deposit

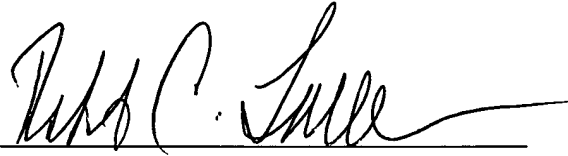
Robin L. Clow  
Name of Person Mailing Paper

*B. Clow*  
Signature of Person Mailing Paper

**This application is being filed under 37 C.F.R. §1.53(b) without declaration and filing fee.**

HOWREY SIMON ARNOLD & WHITE, LLP

Date: September 10, 2003

A handwritten signature in black ink, appearing to read "Robert C. Laurenson", written over a horizontal line.

Robert C. Laurenson, Reg. No. 34,206